

# Bomb squad called 'Suspicious materials' found in New House were harmless

By Ethan A. Solomon  
EDITOR IN CHIEF

The Cambridge Police Bomb Unit and MIT police responded early Tuesday morning to a report of "suspicious materials" — which looked similar to pipe bombs — in New House. Police evacuated New House and Next House, and cordoned off Amherst Alley near MacGregor. Six and a half hours later, MIT announced that the materials posed no threat to campus safety, and that the area was safe to re-enter.

At around 7:30 a.m. Tuesday, private contractors working on renovations reported "suspicious materials" in a common area on the third floor of New House 6 (German House). According to Cambridge Police spokesman Dan Riviello, contractors realized that they did not bring those materials into the building with them, so they called the police. The materials had the "appearance and characteristics of a pipe bomb," according to a statement on MIT's emergency information website.

By 2 p.m., investigators had concluded that the suspicious objects were actually a "collection of harmless materials."

In an email to *The Tech*, Riviello said the concerning materials were "metal tubes, one solid, one containing ball bearings and a granular material." The tubes were near a "group of liquids," which were later found to be cleaning chemicals.

The tubes, said Riviello, "resembled materials that would be used in pipe bombs," adding that pipe bombs often contain small objects, like ball bearings, that inflict more damage in an explosion.

New House is not occupied by students this summer, but nine people — GRTs who have apartments in the building — were evacuated when Cambridge police arrived on the scene at 7:40 a.m. Next House, which is also not currently occupied by undergraduates, was evacuated at around 11 a.m.

Before the harmless nature of the tubes had been ascertained, the atmosphere on West Campus was tense.

"It looked at first blush like it was pretty serious," said John DiFava, MIT's director of facilities operations and security.

Cambridge's bomb squad and fire department used a high-pressure water cannon to "disrupt" the materials, in case they were dangerous. A water cannon can disable potential explosives without risking setting them off.

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## MY MANY LOVERS

A short history of the number of flings I've had through the years.

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## ROCK THROUGH THE SUMMER

The Boston music scene is thriving. Here is where to go. ARTS, p. 7

## TOP SALARIES AT MIT

Who at MIT is making the big bucks? NEWS, p. 13



## COMMENCEMENT CREATIVITY

Who had the coolest hat?

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## ILLEGAL MEANS ILLEGAL

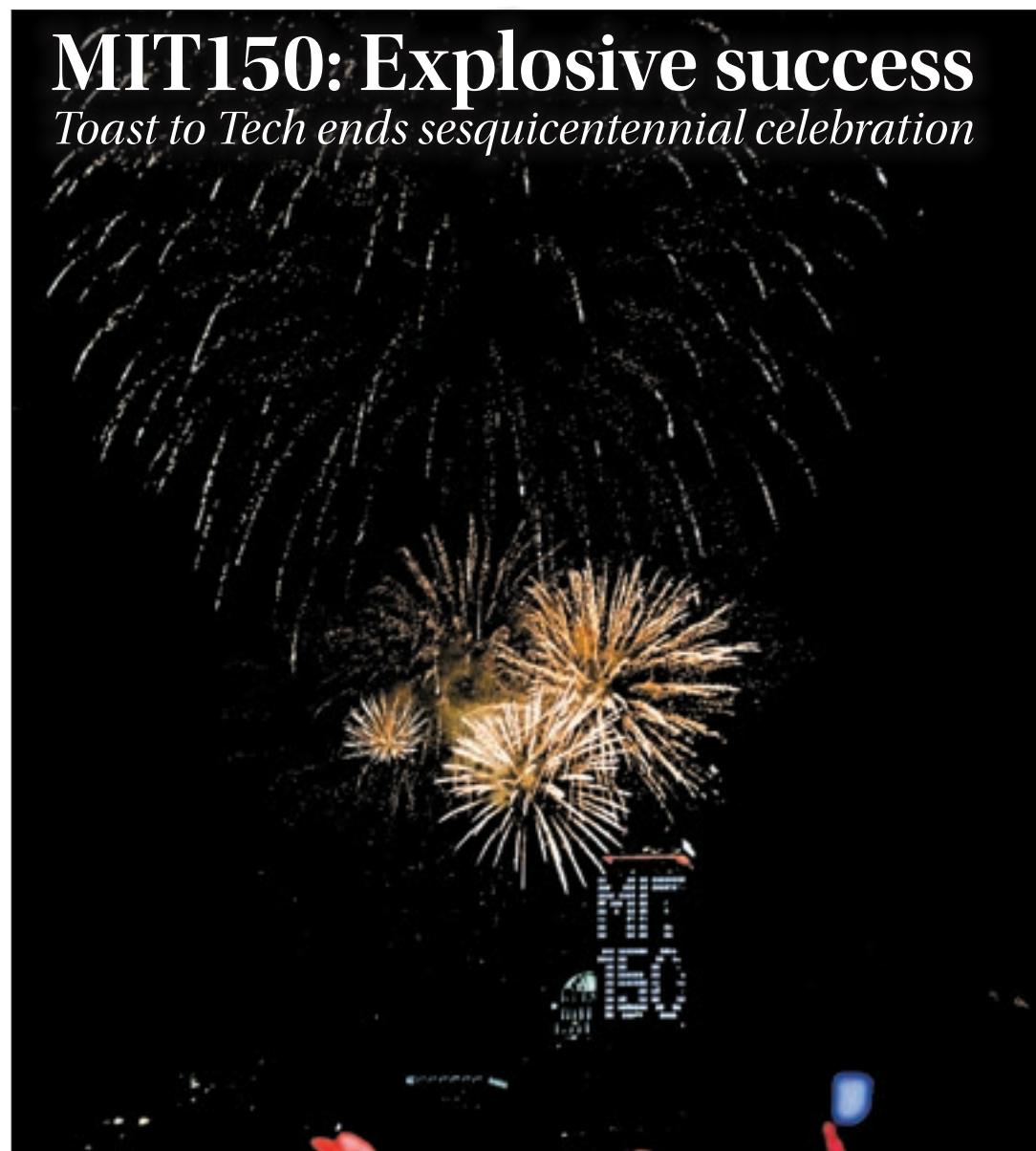
Deval Patrick needs to remember what that means. OPINION, p. 4

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# MIT150: Explosive success

*Toast to Tech ends sesquicentennial celebration*



JESSICA LIU—THE TECH

Fireworks light up the sky in front of the Prudential Center, MIT's 750 feet high (134.32 Smoot) "birthday card."

By Joanna Kao  
STAFF REPORTER

The MIT150 celebrations ended with a literal bang at Toast to Tech last Saturday. The event, open to the entire MIT community and guests, included cham-

pagne, ice sculptures, dancing, an impressively large cake modeled after the MIT campus, and a 12-minute fireworks show over the Charles River.

Nearly 7,000 people attended the event, about 3,000 of which were alumni returning to campus

for the Tech reunions. Doors to the festivities opened at 9 p.m. though the official start of the event was 9:30 p.m. There were multiple bars with champagne, a live band, dance floor, and ice sculptures

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# Peter Diamond withdraws 3rd Fed nomination

*MIT prof. writes Times op-ed after Republicans repeatedly block appointment*

By Rebecca Han  
STAFF REPORTER

On June 5 Peter A. Diamond PhD '63 announced that he would withdraw his nomination to the Federal Reserve Board of Governors. Senate Republicans had re-

peatedly blocked President Barack Obama's nomination of Diamond, an MIT professor of economics and the 2010 Nobel Prize winner. Diamond explained his decision and delivered an indictment to partisan politics in his June 6 *New York Times* opinion column

"When a Nobel Prize Isn't Enough." Obama first named Diamond as a candidate to fill one of three long-standing vacancies on the Federal Reserve Board in April 2010.

The Senate rejected Diamond's nomination for the first time in August 2010. According to a Reuters

article from Aug. 5, 2010, hostility toward Diamond first appeared when the Senate committee voted on the nominees. Senator Richard Shelby (R-Ala.) led the opposition, saying Diamond lacked monetary

Diamond, Page 16

## IN SHORT

Boston Pride Week events this Saturday will include a parade and festival. The parade will traverse South End, Back Bay, Beacon Hill, and City Hall Plaza and will last from noon to 4 p.m. The festival will run from noon to 6 p.m. at City Hall Plaza. For more events, visit <http://www.bostonpride.org/prideweek/>.

Free screenings of *The Tale of Despereaux* presented by LSC and spon-

sored by Finboard take place today and Saturday at 8 p.m. in 26-100.

Novartis has erected a two-story curtain in the parking lot where their new building will be built, just south of N42. Drilling tests are being performed behind the curtain to evaluate soil conditions. Construction has not started, nor has regulatory approval been granted.

Send news information and tips to [news@tech.mit.edu](mailto:news@tech.mit.edu).

# Faculty want flexibility

*Newsletter covers teaching, research, living*

By Michelle E. Szucs  
CONTRIBUTING EDITOR

Better use of technology will enhance undergraduate education, a collaborative living community for MIT faculty will soon become a reality, and interdisciplinary research is an increasingly popular focus, said the

May/June 2011 Faculty Newsletter. The newsletter reported on issues ranging from the experimental First-Year Focus program to broad goals of the faculty. Innovation and collaboration in teaching, learning, and research was a recurring theme.

Faculty newsletter, Page 12

## Director of counterterrorism center is resigning

WASHINGTON — Michael E. Leiter, head of the nation's main counterterrorism center, is resigning after nearly four years in a job that has increasingly focused on detecting and thwarting smaller and more diverse terrorist plots.

Leiter, 42, one of the few senior national security officials from the Bush administration that President Barack Obama kept on, will leave July 8, roughly when the White House is expected to release an updated counterterrorism strategy that Leiter contributed to, administration officials said.

Friends and colleagues said Leiter's departure was expected, as his tenure coincided with one of the most demanding periods after the Sept. 11 attacks. Even as al-Qaida's leadership in Pakistan came under increasing pressure, culminating in the death of Osama bin Laden on May 2, al-Qaida affiliates blossomed in Yemen and North Africa, and U.S. officials warned of a threat from homegrown terrorists here.

In a telephone interview Thursday, Leiter, who is newly remarried, said he was stepping down both for personal reasons and to allow his successor to "bring fresh eyes to the problems we face." He has not yet decided on his next job, he said.

—Eric Schmitt, *The New York Times*

## IBM researchers create high-speed graphene circuits

IBM researchers said Thursday that they had designed high-speed circuits from graphene, an ultra-thin material that has promising applications, from high-bandwidth communication to a new generation of low-cost smartphone and television displays.

The IBM advance, which the researchers reported in the journal *Science*, is a circuit known as a broadband frequency mixer that was built on a wafer of silicon. Widely used in all kinds of communications products, the circuits shift signals from one frequency to another.

In the *Science* paper, the IBM researchers describe a demonstration in which they deposited several layers of graphene on a silicon wafer, then created circuits based on graphene transistors and components known as inductors. They demonstrated frequency mixing up to speeds of 10 gigahertz. In the past IBM has created stand-alone graphene transistors, but not complete electronic circuits.

—John Markoff, *The New York Times*

## Stretches of the country face record-setting heat

It was so hot in St. Paul, Minn., that a once-giant snow pile, the remnant of a long, harsh and suddenly vanquished winter, succumbed this week in 103-degree heat. And it was so miserable in Philadelphia that a meteorologist summed up the forecast in three words: "Considerably more disgusting" than the day before.

A heat wave that has taken hold across much of the Central and Eastern United States intensified Thursday, with cities from St. Louis to Richmond, Va., seeing record or near-record high temperatures, cloying humidity and dangerously elevated ozone levels. "We are seeing conditions that we normally don't have until August," said Jim Keeney, a meteorologist with the National Weather Service. "The heat has been pushed north all the way into Wisconsin, and in the North especially, we are seeing temperatures 15 to 20 degrees above normal."

A sampling of high temperatures from the past several days in places where early June temperatures are often in the low 80s: Washington, 99 on Thursday; Indianapolis, 92 on Wednesday; St. Louis, 97 on Monday; Richmond, 99 on Thursday; Minneapolis, 102 on Tuesday; Cincinnati, 96 on Thursday; Detroit, 95 on Wednesday; Kansas City, Mo., 96 on Monday; Philadelphia, 99 on Thursday but felt like 103; Baltimore, 103 on Thursday; Milwaukee, 97 on Tuesday; and New York, 96, on Thursday.

—Timothy Williams, *The New York Times*

### WEATHER

## Weekend cool-down

By Allison Wing  
STAFF METEOROLOGIST

The National Weather Service has confirmed the intensities of the three tornadoes that struck western Massachusetts last Wednesday, June 1. The strongest left a path of devastation 39 miles long, from Westfield to Charlton, and was half a mile wide at some points. That tornado was classified as an EF-3, the third-highest rating on the scale with estimated maximum winds of 160 mph — a rarity for this part of the country. Two shorter-lived EF-1 tornadoes were confirmed in Wilbraham and North Brimfield.

Following that severe weather outbreak, we experienced quiet weather that became progressively hotter and more humid, culminating in a near record high of 92°F at Logan Airport yesterday. A cold front that passed through last night, however, will bring much cooler air to the region for the weekend. Today should remain dry as a high pressure system is in control, but a second cold front passing through over the weekend will cause unsettled weather from Saturday to Monday. An easterly flow off the water should keep temperatures slightly below normal on those days.

### Extended Forecast

**Today:** Partly cloudy. High 74°F (23°C). North winds at 10–12 mph.  
**Tonight:** Partly cloudy. Low 59°F (15°C). East winds at 5–8 mph.  
**Tomorrow:** Chance of showers. High 66°F (19°C). Low 56°F (13°C). East winds at 8–12 mph.  
**Sunday:** Thunderstorms likely. High 69°F (21°C). Low 60°F (16°C). East winds at 5–10 mph.  
**Monday:** Mostly cloudy. High 70°F (21°C). Low 58°F (14°C). North winds shifting east at 8–12 mph.

# Gains made, but Arizona fire still threatens electric grid

By Marc Lacey  
and Dan Frosch  
*THE NEW YORK TIMES*

PINETOP, Ariz. — The gusty winds that have been fueling a vast wildfire in eastern Arizona slowed somewhat Thursday, allowing firefighters to make some headway against the blaze, which has turned much of the lush green pine forest here to black soot and sent thousands of residents fleeing for their lives.

Despite the improved conditions, the fire continued to burn dangerously close to several mountain towns that have been evacuated in recent days and also threatened electrical transmission lines that, if severed, could affect electricity to hundreds of thousands of customers in the region.

Thousands of firefighters combated the blaze on land and through an aggressive aerial attack. But the fire, which has at times surged unexpectedly, was still weeks away from being contained, officials said.

"It's throwing everything it can

at us," said Joe Reinarz, who heads the multiagency effort to combat the fire. "The fire's behavior is setting a new standard. You can't get near it. It's not giving us any breaks."

As the number of displaced people increased with the Wednesday afternoon evacuation of Springerville, President Barack Obama called Governor Jan Brewer to pledge federal help and express his concern for those affected.

"The wind is dying down, and that's good," Brewer said during a tour of a high school that has been turned into an evacuation center for dozens of families. "We just have to wish for the best. These people are safe and alive — that's what's most important."

Still, many of the people sprawled on cots looked dazed.

"I've inhaled enough smoke to be a chimney," said Darlene Mueller, who was evacuated from her home in Eagar. "I've cried a river of tears. Now it looks like a wall of flames is heading toward everything I own."

And the effects of the fire, which has sent smoke billowing through many surrounding states, could reach many, many more.

El Paso Electric, which provides power to southern New Mexico and western Texas, said the fire was burning near two of its transmission lines that carry power from the Palo Verde Nuclear Generating Station in Arizona, about 40 percent of the company's available generation.

Late Wednesday afternoon, the company said the fire was within 15 miles of its Springerville-Luna transmission line. If the lines are damaged by the fire, company officials said, El Paso Electric could have to use rolling blackouts as a conservation measure.

In Las Cruces, N.M., a city of about 100,000 that gets all of its power from El Paso Electric, officials were bracing for that possibility.

With temperatures in the mid-90s Thursday, city officials set up cooling stations complete with generators, fans and portable air-conditioners.

## Gingrich campaign staff quits en masse, citing conflicts

By Jeff Zeleny  
and Trip Gabriel  
*THE NEW YORK TIMES*

WASHINGTON — Newt Gingrich's presidential campaign imploded Thursday as his top advisers banded together and resigned, setting off a further exodus of aides and supporters and battering his hopes of a political comeback.

Gingrich vowed to carry on, saying that he was "committed to running the substantive, solutions-oriented campaign I set out to run earlier this spring."

But the departure of more than a dozen aides, including his entire Iowa operation, left him, for now at least, crippled in his ability to do much more than appear at debates or other public forums at a time when his main rivals were busy raising money and building organizations in crucial states. And it injected fresh uncertainty into the Republi-

can nominating contest amid continued talk that further candidates might jump in.

Gingrich's senior strategists confronted him Thursday after he returned from a two-week vacation with his wife, Callista, which included a cruise through the Greek isles. Gingrich defended his holiday as a chance to "get away and think," but aides chastised him, they said, for lacking the discipline to run a focused presidential campaign that could overcome rising doubts about his candidacy.

"The professional team came to the realization that the direction of the campaign they sought and Newt's vision for the campaign were incompatible," said David Carney, a senior strategist who was among those who submitted resignations Thursday afternoon.

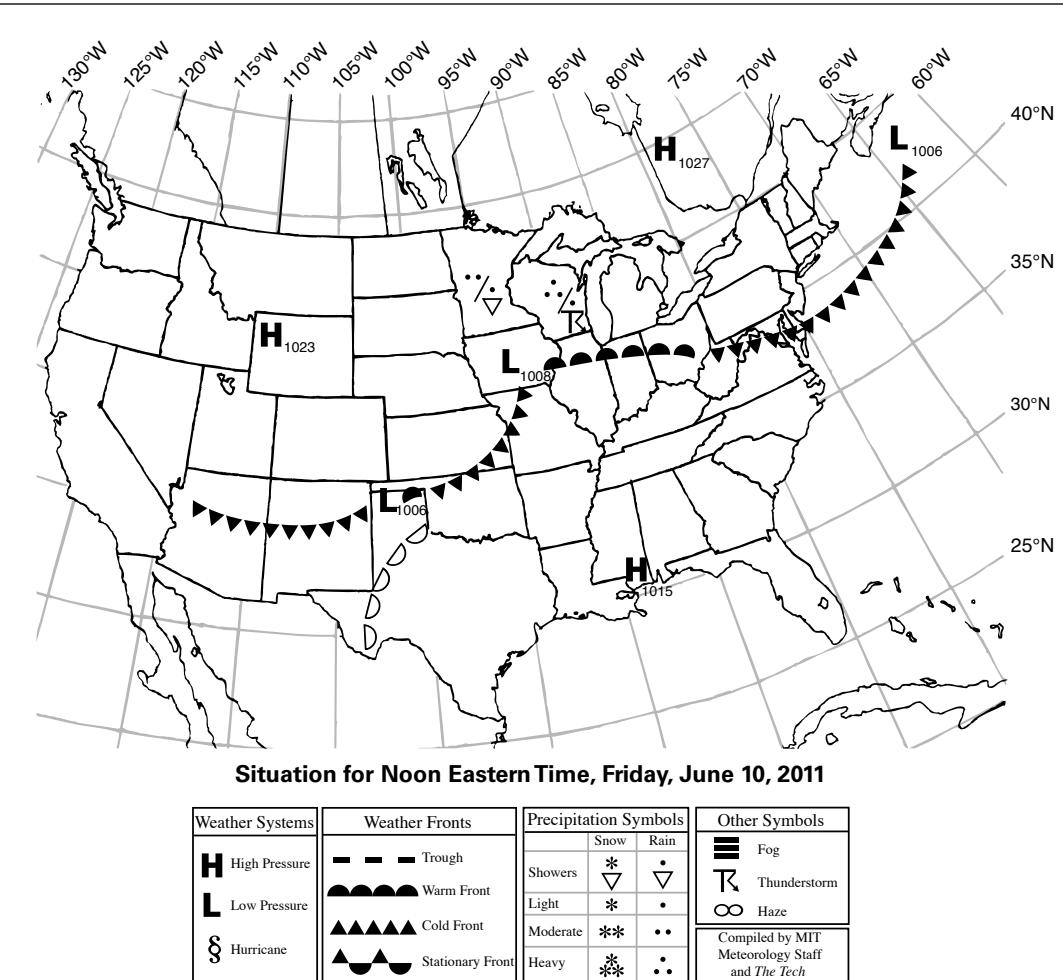
Many Republicans had long seen Gingrich as something of a vanity candidate — not really expecting

to win the party's nomination but viewing the race as an opportunity to draw attention to his policy ideas, books and documentaries. His aides described him and his wife as not doing enough to dedicate themselves to the hard work and the unglamorous aspects of running for president.

For some candidates, the departure of an entrenched team of advisers could provide an opportunity to regroup, but Gingrich could face tougher going. His aides said he is struggling to raise money, recruit staff and be seen as a top-tier candidate.

Former Gov. Sonny Perdue of Georgia, a national co-chairman of the Gingrich campaign, withdrew his endorsement and said he would support Tim Pawlenty, a former governor of Minnesota.

The breakup surrounding Gingrich shined a new light on the intentions of Gov. Rick Perry of Texas, who is taking a serious look at joining the Republican presidential race.



FRIDAY, JUNE 10, 2011

# \$1 billion in aid pledged to Libyan rebels

**By Steven Lee Myers**  
THE NEW YORK TIMES

ABU DHABI, United Arab Emirates — The nations intervening in Libya pledged as much as \$1 billion in support for the opposition there on Thursday as senior officials continued to predict that the collapse of Moammar Gadhafi's government could be imminent.

As the NATO military alliance intensified attacks in the Libyan capital of Tripoli, including a new round of daytime raids, senior officials meeting here acknowledged reports that Gadhafi's son, Saif, could be seeking a negotiated exit and said they reflected the government's isolation and weakness, despite public defiance.

"There have been obviously multiple feelers from the Gadhafi regime to various members of the international community coming every other day," Australia's foreign minister, Kevin Rudd, said after a meeting of more than 30 nations and international organizations.

Rudd said the consensus here was that "Gadhafi's days are well and

truly numbered," giving urgency to the efforts to prepare the opposition for taking power and overseeing a transition. "This is no longer an academic proposition," he said. "It is a real proposition and one we may be facing sooner than many of you in this room may think."

Such predictions, echoed again by Secretary of State Hillary Rodham Clinton, have proved premature more than once before since the United States and other NATO nations began a military campaign in March.

In Geneva, a senior Libyan diplomat vehemently denied that Libyan forces had committed atrocities, including a systematic campaign of rapes by soldiers, possibly including the distribution of Viagra, as prosecutors for the International Criminal Court suggested on Wednesday.

Investigations into rape and sexual abuse in war zones are notoriously difficult, and even some human rights groups have cast doubt on the accusations. Amnesty International said in a statement Thursday that the group's researchers, working in eastern Libya, Misrata and in refugee

camps along the Tunisian border, "have not to date turned up significant hard evidence to support this allegation" of systematic rape.

Libyan officials have also steadfastly denied talk of any deal involving Gadhafi's leaving the country, but even so officials meeting here as part of what is called the "contact group" increasingly took steps to prepare for what Clinton in her remarks called "the inevitable: a post-Gadhafi Libya."

The officials established a financial mechanism — first agreed on when they met last in Rome a month ago — that would allow direct assistance to the Libyan opposition despite U.N. sanctions that remain in place on the country. That cleared the way for nearly \$300 million in assistance already pledged by Kuwait and Qatar, two Arab nations that have strongly supported international action against the Gadhafi government. Italy, France, Turkey, Australia and other countries also pledged additional money on Thursday totaling more than \$1 billion, much of it backed by frozen Libyan government assets.

# Defense nominee Panetta demurs on Afghanistan drawdown

**By Elisabeth Bumiller**  
THE NEW YORK TIMES

WASHINGTON — Leon E. Panetta, President Barack Obama's nominee to be secretary of defense, deflected persistent questions Thursday about one of the most pressing issues at the Pentagon, the scope of the American troop withdrawals from Afghanistan next month.

Panetta, who is now director of the Central Intelligence Agency, did say during his confirmation hearing before the Senate Armed Services Committee that he agreed with a recent statement by Obama that the troop withdrawals should be "significant." But Panetta, who would be expected to publicly echo the president, did not define "significant" or offer any hint of his own opinion about how many troops should come home in July, when he is scheduled to be in his new office at the Pentagon.

He also declined to say whether he agreed with recent and repeated

statements from the departing defense secretary, Robert M. Gates, that American withdrawals in July should be "modest." (Gates kept it up Thursday in Brussels, where he assured NATO that "there will be no rush to the exits" and that military pressure on the Taliban would not relent for at least six months.)

At one point in the Senate committee hearing, Panetta even said, to the irritation of Sen. John McCain, that the decision on how many troops to be withdrawn in July would be in the hands of Obama, Gates and Gen. David H. Petraeus, the top U.S. commander in Afghanistan, rather than his own. Obama is expected to announce the number this month. Gates' last day in the job will be June 30, and Panetta is to take over on July 1.

"If I'm confirmed, I'll have to obviously arrive at a decision myself," Panetta told McCain, R-Ariz. "I'm not in that position now. Obviously, I have tremendous admiration for Secretary Gates. But with regards to

specific numbers..." At that point McCain cut him off. "I wasn't asking for specific numbers," he shot back.

Overall, the hearing was a pro forma step on the way to all but certain confirmation by the Senate — and a celebration of Panetta, a creature of Washington who has served here as a congressman, a White House chief of staff, a White House budget director, a member of the Iraq Study Group and most recently as the director of a spy agency with ever closer ties to the military.

His nomination and the revolving jobs of the men around him reflect the melding of the military and intelligence worlds since the attacks of Sept. 11: Petraeus is Obama's nominee to replace Panetta at the CIA and Gates, a longtime friend of Panetta's, is a former CIA director. Panetta, a former Army intelligence officer, has a son, James, who is a lieutenant in the Naval Reserve and was awarded a Bronze Star for his work as an intelligence analyst in Afghanistan in 2008.

# Citigroup breach raises questions about industry's security

**By Eric Dash**  
THE NEW YORK TIMES

Citigroup's revelation that hackers stole personal information from more than 200,000 credit card holders makes it one of the largest direct attacks on a major bank.

Even more striking is that similar data breaches have been occurring for years — and the financial industry has failed to prevent them.

Details remain scarce, but the disclosure of the Citigroup breach Thursday quickly turned into a debate on whether the banks and major credit card companies have invested enough money to safeguard the personal information of their customers.

"They're not at all on top of it," said Avivah Litan, a financial security analyst at Gartner Inc. "It's almost shocking."

In Washington, the finger-pointing has already begun. Sheila C. Bair,

Insurance Corp., said Thursday that she planned to call on some banks to strengthen their authentication procedures when customers log onto online accounts. That's on top of new data security rules that federal regulators are finalizing.

Lawmakers, meanwhile, said they were outraged that Citigroup waited since early May to notify its customers; some are preparing legislation.

Rep. James R. Langevin, D-R.I., said he was "shocked and disappointed" to learn of Citi's delayed disclosure. "They knew the customers' data was potentially exposed in May and only now are they telling them about the threat," he said. "Being more forthcoming is essential."

Consumers, meanwhile, are feeling increasingly vulnerable amid recent reports of data breaches at big companies, like Lockheed Martin, Epsilon and Sony.

A.J. Angus, a 25-year-old Google employee, was put in double jeopardy

on Thursday, he learned that his Citi credit card data had been stolen. Only a few weeks earlier, he learned that personal data on his Sony PlayStation 3 was compromised.

"You have to be vigilant," he said, adding that he periodically checks his credit report and looks over his transactions almost daily on a personal finance website.

On Thursday, Citigroup began notifying about half of the 200,000 affected customers that it planned to replace their credit cards after it discovered last month that hackers had gained access to its computer systems. The bank said the thieves obtained customer names, card numbers, addresses, and email details.

Social security numbers, expiration dates, and the three-digit code found on the back of most credit cards were not compromised — a move that security experts say makes the exposed cardholders less likely to become fraud victims.

# Fearful of government assault, more Syrians flee into Turkey

KARBEYAZ, Turkey — Security forces loyal to President Bashar Assad of Syria converged in the country's restive northwest Thursday as hundreds of residents fled across the border into Turkey, heightening fears of a budding refugee crisis and a widening crackdown on dissent.

The security forces massed around the town of Jisr al-Shoughour after clashes last weekend made the area the new focus of the pro-democracy demonstrations that have swept across Syria since March. The unrest in Jisr al-Shoughour has taken on critical importance for both the Syrian government and its opponents: Reports say that soldiers there have defected to the opposition, refused to fire on civilian demonstrators and turned their guns on loyalist army units. While the Syrian government blamed armed gangs and terrorists for the violence, it appears determined to punish the town and enforce discipline in the ranks of the armed forces that ensure its rule.

Tanks and armored personnel carriers moved to the edge of the town Thursday night, and soldiers appeared to be pitching tents, said one resident reached by telephone. Many women and children had fled, but those residents who remained, another said, were being stopped at checkpoints ringing the town. A few thousand men were holed up, awaiting what appeared to be an imminent assault.

—Sebnem Arsu and Liam Stack, *The New York Times*

# Puerto Rico's statehood not only issue in Obama's visit

SAN JUAN, Puerto Rico — When President Barack Obama arrives here Tuesday — becoming the first American leader to visit officially since John F. Kennedy in 1961 — his feet will be planted firmly in San Juan's historic district but his words will be aimed mostly at Puerto Ricans in Florida, New York and Pennsylvania.

After five decades of cold shoulders from a succession of presidents, most Puerto Ricans are primed for a presidential visit, even if it is brief and unlikely to sway the longstanding debate over Puerto Rico's identity as a U.S. territory.

On his whirlwind stop, the president is expected to meet with Puerto Rico's governor, Luis Fortuno, a Republican who supports statehood, attend a business round table, deliver a speech in old San Juan and attend a quick fundraising event.

Other presidents have visited since 1961 but only on business unrelated to Puerto Rico.

—Lizette Alvarez, *The New York Times*

# France rebuked over rare rodent

PARIS — France was punished on Thursday for not taking proper care of its hamsters.

The Court of Justice in Luxembourg, the EU's highest court, ruled Thursday that France had failed to protect the Great Hamster of Alsace, sometimes known as the European hamster, the last wild hamster species in Western Europe. If France does not adjust its agricultural and urbanization policies sufficiently to protect it, the court said, the government will be subject to fines of as much as \$24.6 million.

The Great Hamster, which can grow up to 10 inches long, has a brown-and-white face, white paws and a black belly. There are thought to be about 800 left in France, with burrows in Alsace along the Rhine. That is an improvement: The number had dropped to fewer than 200 four years ago, according to figures from the European Commission, which brought the lawsuit in 2009.

Farmers have generally considered the hamster to be a farm-yard pest, and before it was protected they flooded its burrows and used poison and traps to kill it.

—Steven Erlanger, *The New York Times*

# With a style that alienates, Weiner ignores pressure to quit

Even as top Democrats intensified pressure on him to resign, Rep. Anthony D. Weiner of New York tried to power through the day Thursday and suggest things were getting back to normal.

"I'm going to go back to my community office and try to get some work done," he told a reporter before jumping into a waiting car in Manhattan.

So far, a number of leading Democrats have called for the congressman to leave office. The House Democratic leader, Nancy Pelosi, is exasperated with his handling of a scandal in which he sent salacious photographs of himself and suggestive messages to young women on social-networking websites.

But Weiner seems oddly unmoved, according to those who have spoken to him.

In a body full of ambitious and egotistical people, Weiner, 46, stands out for his brash and sometimes even impulsive style. But he also possesses what friends and associates say is a troubling trait: his tendency to take things just a little too far — whether on the House floor, where he badgered colleagues, or in his office, where his demanding managerial style sometimes crossed the line into bullying.

"He had a style that wore people down," said Rep. Peter King, a Republican from Long Island who was once excoriated by Weiner on the House floor. "So now, when he needs help, there is no one who is there, not even Democrats."

For now, Weiner, a seven-term congressman who represents Brooklyn and Queens, appears to believe that he can weather the storm by putting his head down and waiting for the controversy to run its course, according to two people who have spoken to him.

One of those people said the congressman's wife, Huma Abedin, has strongly encouraged him to try to remain in office. Despite being upset over the scandal, she is actively participating in the discussions of his political future, speaking with him multiple times during the day.

—David W. Chen and Raymond Hernandez, *The New York Times*

## OPINION OPINION OPINION OPINION OPINION



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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations). Wednesdays during January, and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. Advertising subscription, and typesetting rates available. Entire contents © 2011 The Tech. Printed on recycled paper by Mass Web Printing Company.

## LETTERS TO THE EDITOR

## Affirmative action, women, and MIT

I am a third-year graduate student in computer science. I am writing because I found Keith Yost's April 29 column "It's good to be king" and the associated counterpoint, Michael Veldman's "Intelligence variability is not gender-dependent," to raise interesting questions about the role of affirmative action at MIT. I applaud *The Tech* for tackling this difficult issue and want to provide insight into a side of the argument that has been neglected.

Both Yost and Veldman raise the question of the justice of affirmative action with

out discussing the biases that the affirmative action is meant to counteract. The slight edge put in place to make sure women are not overlooked in hiring and admissions decisions barely counteracts (if at all) the implicit biases women faced to get there. For instance, psychology research shows that a resume with a woman's name needs almost twice the achievements to receive the same promotion status as a resume with a man's name (Valian, *Why So Slow?*). (There have also been similar studies with other things such as film manuscripts.) There are many other factors — attribution of credit as influenced by gender bias, advantage that comes from men being more likely to have mentors who will promote

their careers, etc. — that tend to give men a much larger implicit boost.

In fact, careful consideration may yield the conclusion that existing mechanisms put in place to counteract bias may be too little, too late. For instance, Yost makes the excellent point that if practices such as higher pay are the only actions in place to counteract bias against women, this can lead to misunderstanding that increases bias against women.

I encourage and challenge *The Tech* to push MIT to find ways of exposing and counteracting bias against women in ways that address the problems closer to the core.

Jean Yang G

## A reminder to Patrick: illegal means illegal Governor refuses to sign off on program to deport dangerous criminals

By Ryan Normandin

OPINION EDITOR

Massachusetts Governor Deval Patrick has a long history of pandering to illegal immigrants. During his first term, Patrick reversed a decision by the previous Massachusetts governor, Mitt Romney, which gave state troopers the power to arrest illegal immigrants. Let me point out that Romney's policy makes sense because, as the title may imply, illegal immigrants are here illegally. They are breaking the law. As such, they should be arrested. Shocking, I know. Deval Patrick's rationale for promptly reversing Gov. Romney's decision was that state troopers "have a very big job as it is, without having to add enforcing federal immigration laws on top of it." Ah, well there we are. Those poor state troopers are just too busy enforcing other laws. So if they pull over someone for speeding and it turns out that the individual is also an illegal immigrant, too bad! After all, according to Patrick, they have more important things to do—like enforcing laws that don't alienate one of Patrick's key special interests (the immigrant community).

But that's just the tip of the iceberg. In November, Patrick announced that he would be pushing for in-state tuition for illegal immigrants, along with giving them driver's licenses. This is interesting, because in-state tuition, as the term implies, is a lower tuition rate paid by those who are legal residents of the state. Illegal immigrants, as I am forced to repeatedly point out, are not here legally. As such, my tax dollars should not be subsidizing the education of criminals. When asked during the 2006 gubernatorial debate if he would allow illegal immigrants to pay in-state rates

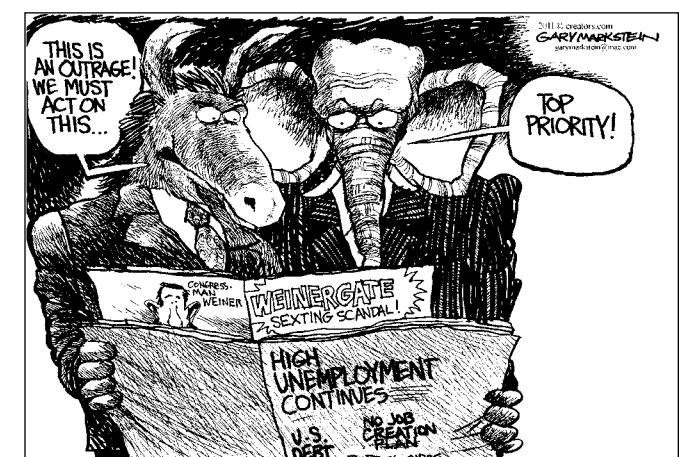
at public colleges, Patrick responded: "[Yes, but] this is one issue where I think both sides have a point. The folks on the other side of the question from where I am say we should only reward people who play by the rules and they're right. I understand that immigration is a serious problem. But people are not coming here for in-state tuition, they're coming here for jobs. We need to come down hard on employers." Once again, that impeccable Patrick logic is in play. He admits that immigration is a serious problem. He also admits that he agrees that we should only reward those who play by the rules. But he will support in-state tuition for illegals, apparently on the basis that it is not the reason they come here. I fail to see how their motivations for being in Massachusetts factor into the reality that they are here illegally.

And who wouldn't want to give illegal immigrants driver's licenses? After all, it's estimated that they cause over 5 percent of traffic incidents in the United States, which, according to the National Highway Traffic Safety Administration, would equate to 309,050 accidents, 2,132 deaths, and 139,400 injuries. In addition, they would be responsible for \$11.5 billion of taxpayer money in associated costs. Patrick's rationale in this case is that he would like to keep tabs on illegals. Of course, I'm not sure why he wants to know their locations and activities since he's made it impossible for state troopers to arrest them.

Furthermore, he has made it more difficult to deport illegal immigrants. And this time, we're not talking about any old illegal immigrant — we're talking about illegals who have been arrested for committing crimes! The Secure Communities program leverages information sharing between the

Department of Homeland Security (DHS) and the Department of Justice (DOJ). Usually, when a criminal alien is booked by a local law enforcement agency, their fingerprints are checked not just against the FBI's records, but also against DHS's immigration records. Governor Patrick has decided that Massachusetts will be opting out of this program, despite his affirmation of support for it while he was running for re-election. His logic behind the 180-degree change in position? Back then, he thought it was mandatory. I know, Patrick should've been a logician. An individual's support for a program, project, or anything else is typically based on the pros and cons of the program, not on whether or not that program is mandated. The Patrick administration was apparently concerned that the program was not serving its purpose. Apparently, more than half of those deported under Boston's program were non-criminals and only one in four were "hard-core" criminals. This is directly contradicted by Mayor Thomas Menino, who stated that he had not seen a single individual deported who was not a criminal. Let me just throw in my favorite reminder: if you are here illegally, you are a criminal, whether or not you've killed somebody.

There has been a recent fascination among certain fringe groups as to whether Barack Obama was born in America, leading to the release of his official birth certificate. I'm curious why they haven't focused more attention on Governor Patrick ... after all, every policy he has supported has made illegal immigration a "second-tier" crime. He's protected them and pampered them probably beyond any other group in Massachusetts, which leads me to wonder ... is Governor Patrick here legally?!



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FRIDAY, JUNE 10, 2011



## MIT150 concludes with Toast to Tech

*Around 7,000 people spend the evening in Killian Court*

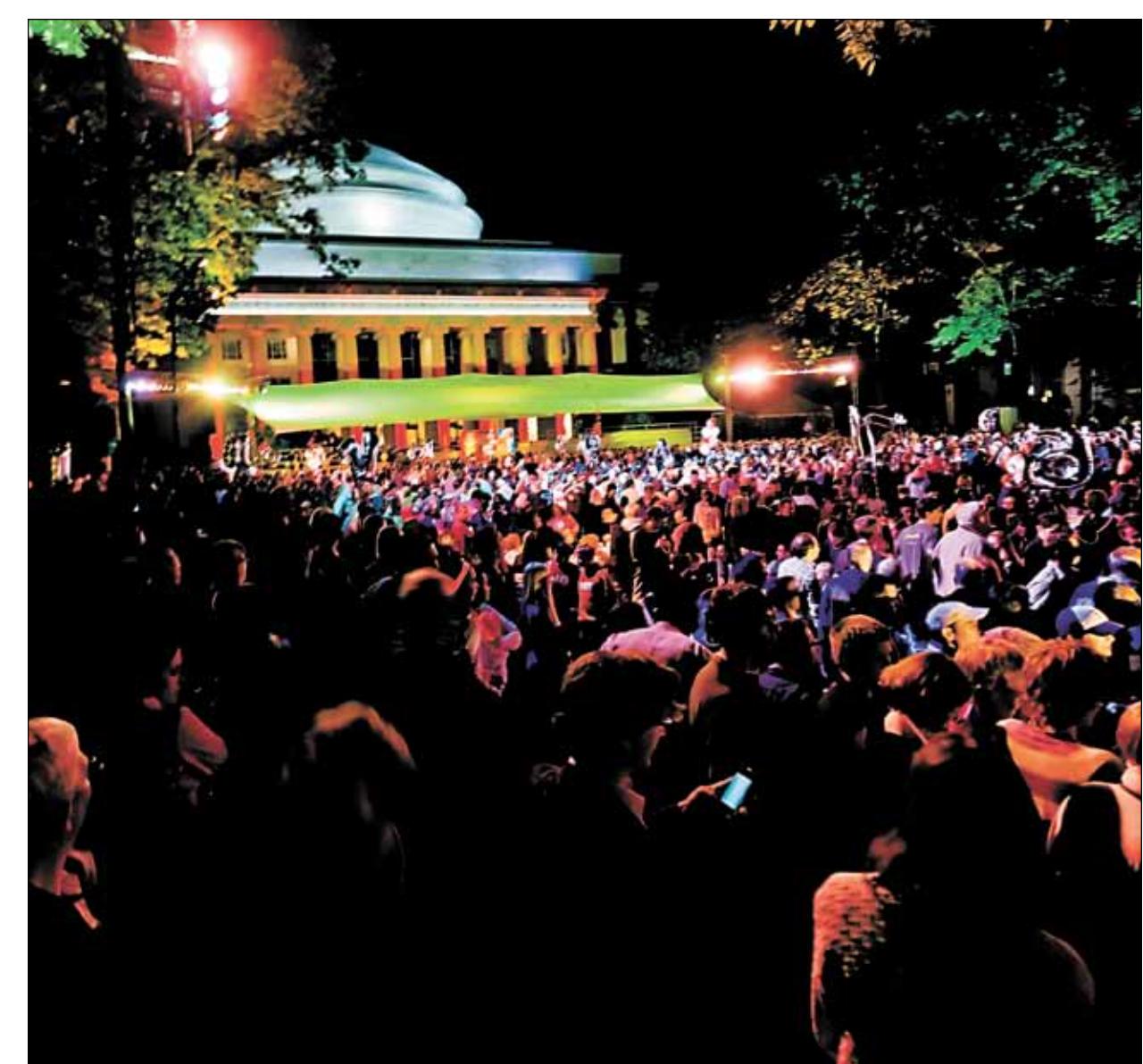
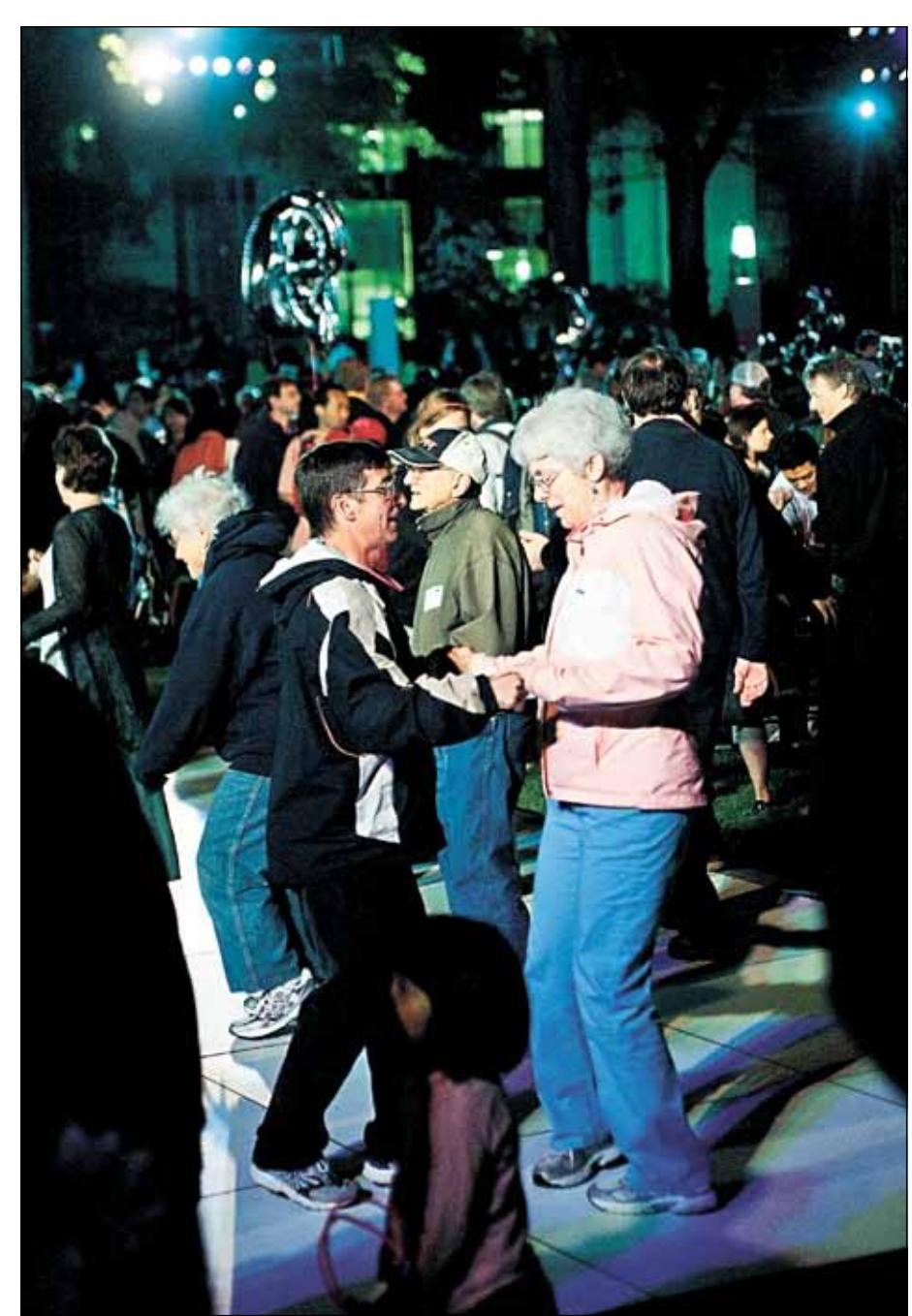
MIT150, from Page 1

of the cake ... and with a bit of drama." The cake was accompanied by 1000 blue cupcakes representing the Charles River. The cake was made by Montillo's

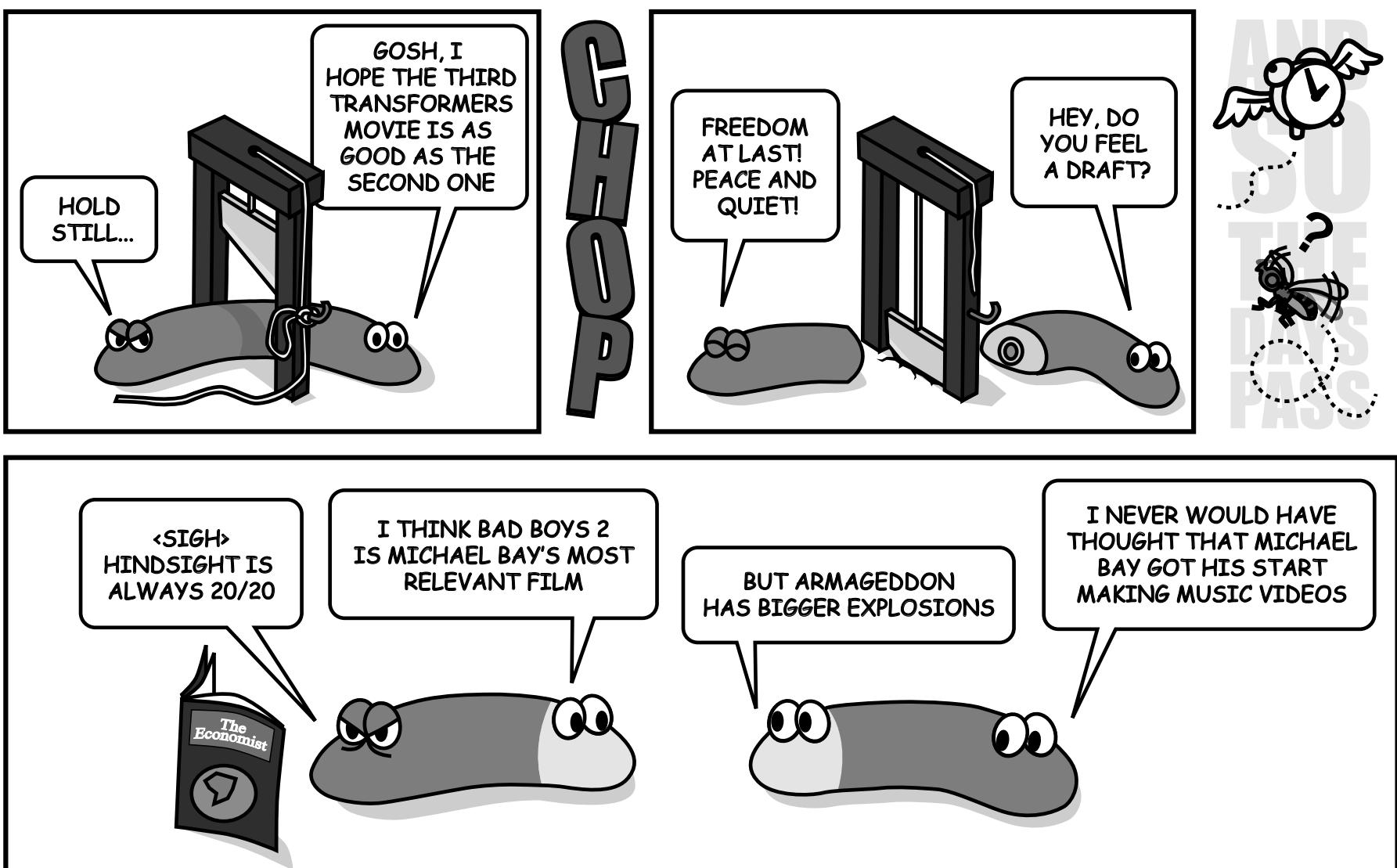
<http://alum.mit.edu/>, 86 windows were used to spell "MIT" and 99 windows spelled out "150." It took more than three hours for over 20 people to create the message on Saturday evening.

The water main break that took out the campus water supply on Saturday night did not affect the celebrations, said Gallagher. "We had a command center in effect that evening so the appropriate campus personnel were constantly monitoring the situation and providing updates to us, which was very helpful," Gallagher explained. "Facilities did a great job by putting signage and hand sanitizers in restrooms quite soon after the incident occurred."

The live band and dance floor kept the celebratory feeling alive throughout the night. "I've gotta say that the dance floor was the most memorable part of the evening," said Huaiying Wang '13, an MIT Student Ambassador who volunteered at the event. "Watching members of the MIT community, whether 6 or 60, have fun and let loose was really amazing."



# Schmidt & Schmidt\* by Meisel/Gaviño/Wang

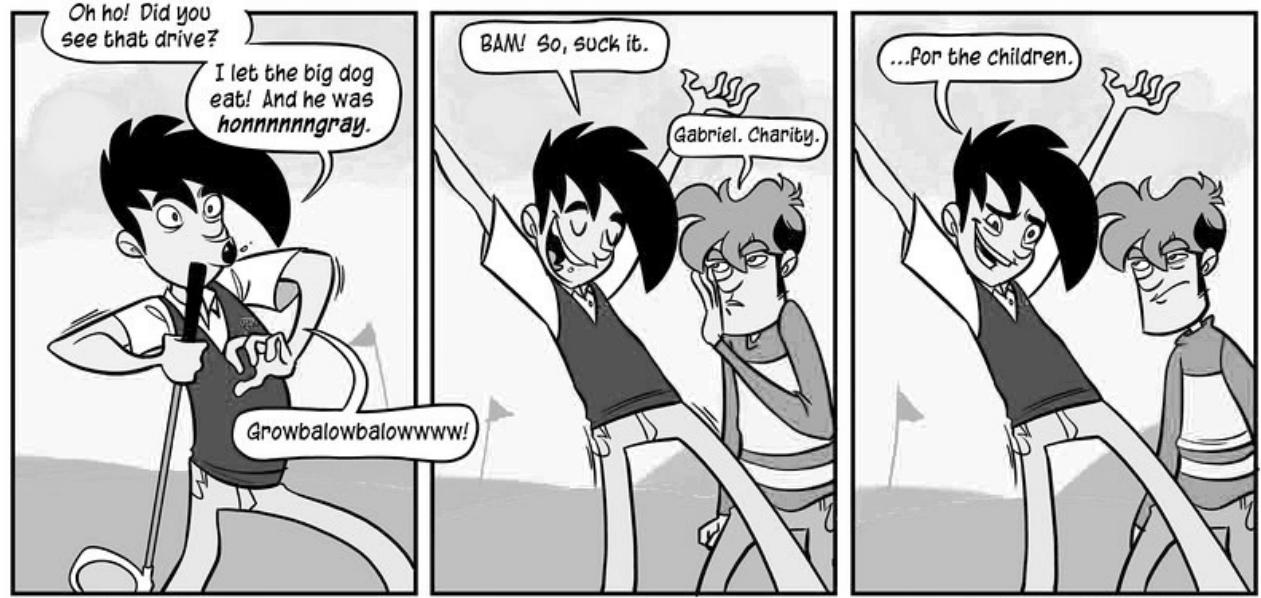


\*THE PLANARIAN FLATWORM SCHMIDTEA MEDITERRANEA IS CAPABLE OF REGENERATING ANY PART OF ITS BODY AND, UPON KNOCKDOWN OF ITS BETA-CATENIN GENE BY RNA INTERFERENCE, WILL REGENERATE A SECOND HEAD INSTEAD OF A TAIL (PETERSEN AND REDDIEN, 2007).

# **Rein It In, Maybe**

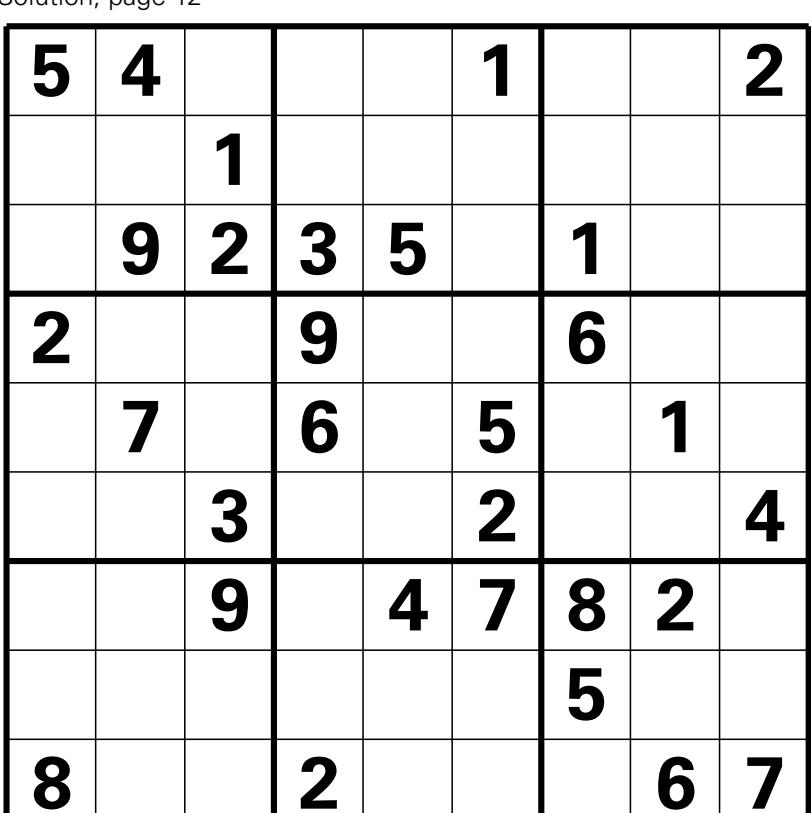


by Jerry Holkins  
and Mike Krahulik



# Sudoku

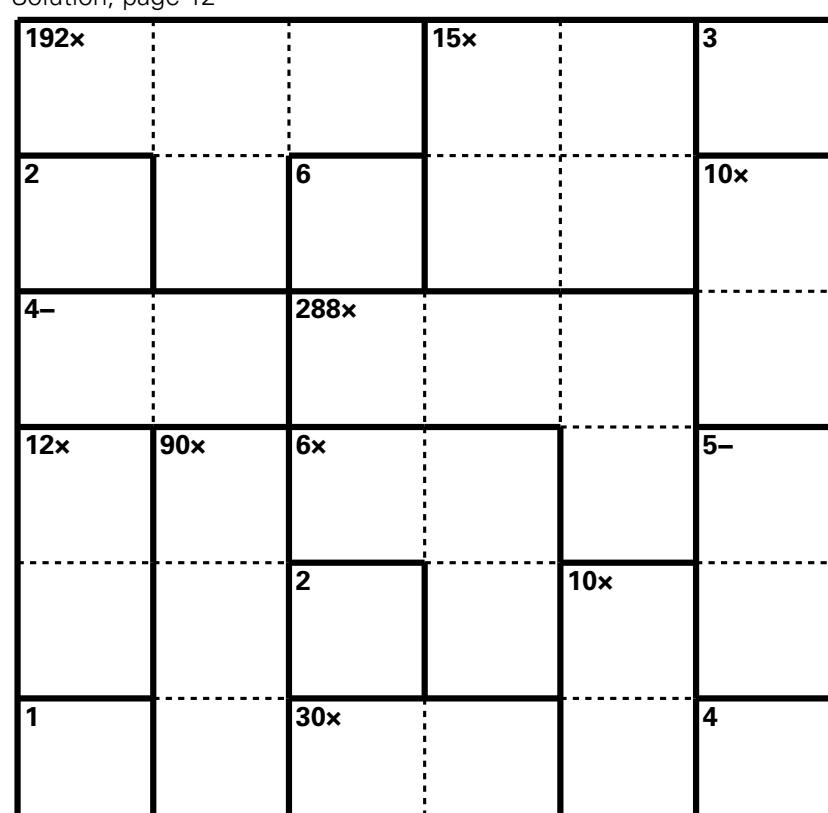
Solution page 12



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# Techdoku

Solution page 12

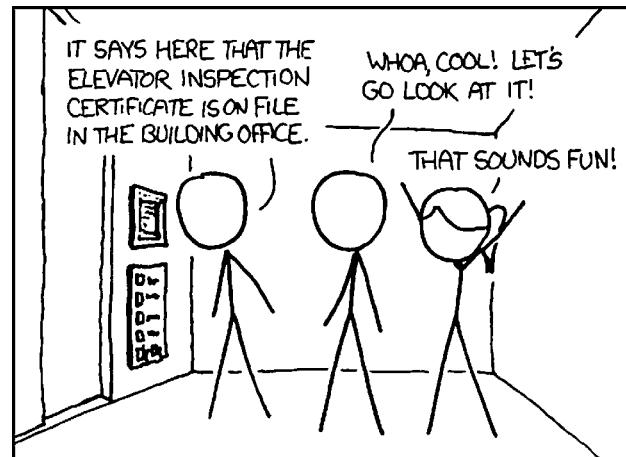


Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

# Dilbert by Scott Adams

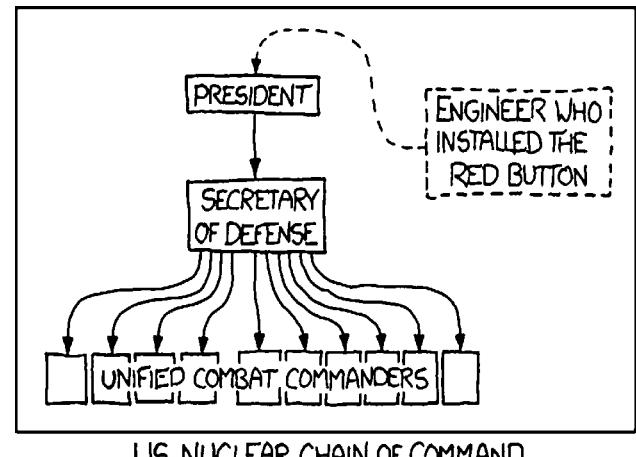


# Elevator Inspection

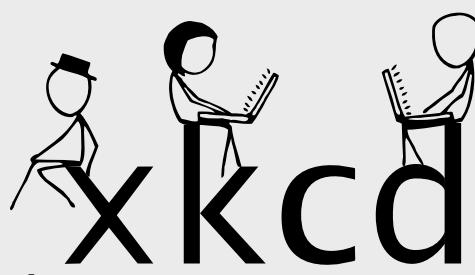


**INDUSTRY TIP: BUILDING OWNERS KNOW THIS NEVER HAPPENS.  
THOSE SIGNS MARK ELEVATORS WHICH HAVE NEVER BEEN INSPECTED.**

## **Chain of Command**



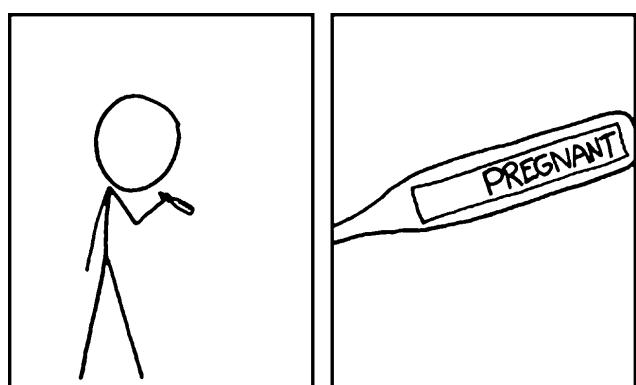
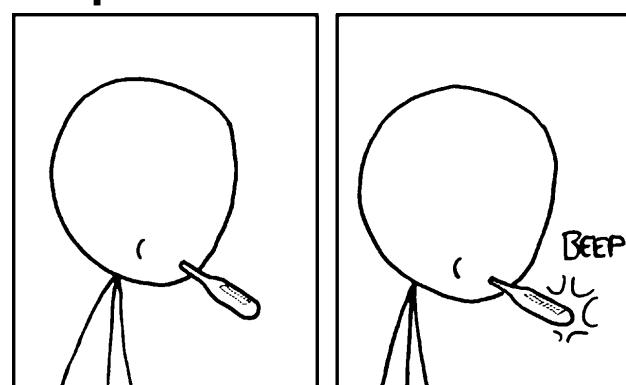
— Attitudes towards the third son varied significantly between countries and across Greece. In contrast, all rules were followed by who ever buys advertising time on Dora the Explorer.



**A WEBCOMIC OF ROMANCE,  
SARCASM, MATH, AND LANGUAGE**

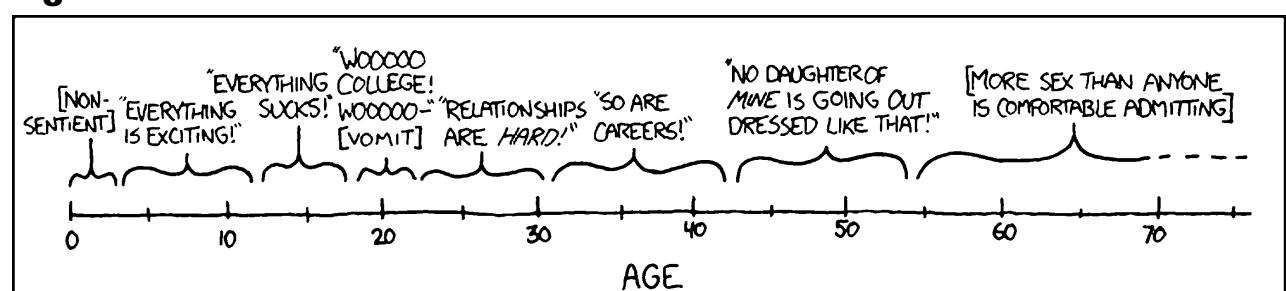
by Randall Munroe

## Temperature



All the baby has a fever.

## Ages



every age; I'm glad I'm not the clueless person I was five years ago, but how I don't want to get any older.

# Crossword Puzzle

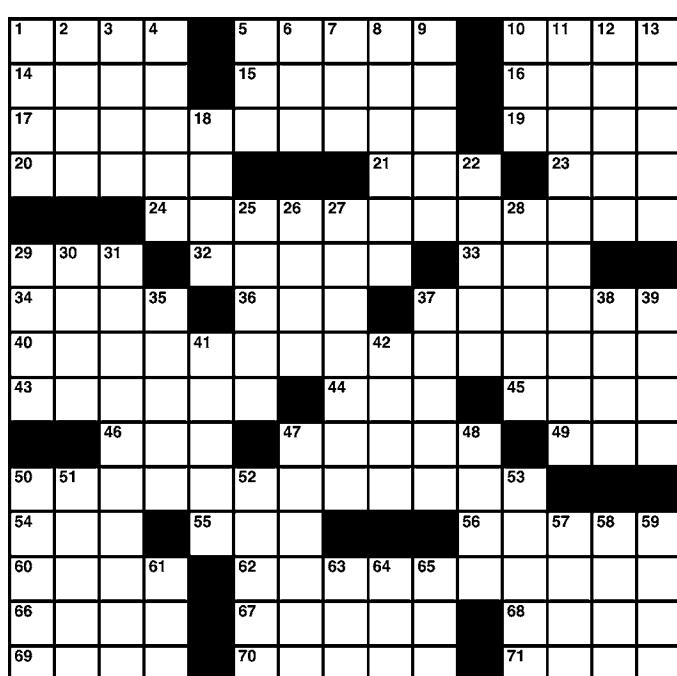
## Solution, page 12

## ACROSS

1 "Overhead" engine parts  
5 Shoe undersides  
10 \_\_ the lily: ornament to excess  
14 Doing the job  
15 Between, quaintly  
16 There oughta be one, so it's said  
17 "Keep out" sign  
19 Turn on a pivot  
20 Jungian feminine principle  
21 Coll. major for a future concert artist  
23 Anger  
24 Pay for everyone's dinner  
29 Lively Irish dance  
32 Peter, Paul or Mary  
33 Not shut, in verse  
34 German river  
36 Like a cold, damp day  
37 Type of notebook  
40 "All exits are blocked" situation  
43 Shiny photo  
44 Delivery vehicle  
45 WWII submachine gun

46 Flor

46	Floral welcome	9	Rooster's gait
47	Mexican money	10	Tank filler
49	Mag. staffers	11	Unable to read
50	Throng management	12	First lady before Michelle
54	Witchy woman	13	Dork
55	Place for a ring	18	Mai __: rum drinks
56	On-the-job reward	22	Small stores
60	Norse war god	25	Traveling show worker
62	Four-on-the-floor, e.g.	26	Sedona and Sorento
66	Atomizer output	27	Not made of interlaced parts, as fabric
67	Division of society	28	Expansive stories
68	Sunscreen ingredient, perhaps	29	Author Erica
69	__ helmet: safari wear	30	"American __"
70	Ease, as fears	31	Precious stone expert
71	Home on a limb	35	Stitch over
<b>DOWN</b>		37	Man of La Mancha
1	Musical finale	38	Acted like
2	Soon, to a bard	39	Contact or zoom
3	Short skirt	41	"All kidding __ ..."
4	Defeat decisively	42	No-food protest
5	Sault __ Marie	47	Snazzy entrance
6	Possess	48	Bursts into tears
7	On, as a lamp	50	Bite vigorously
8	Like churches, vis-à-vis most taxes	51	Pie slice edges, geometrically
		52	One of Caesar's assassins



53 Actress Lindsay	Sea: Abbr.
57 Longest river	64 Windy City transportation org.
58 Roswell sightings, briefly	65 Computer feature that ends each of the five longest across answers
59 Printer's "let it stand"	
61 To the __ degree	
63 One of many in the Aegean	

# Looking back and ahead

## Faculty examines success of past programs

Faculty newsletter, from Page 12

### First-Year Focus experiment continues

The School of Humanities, Arts, and Social Sciences experimented with the First-Year Focus (FYF) program to create broadly focused classes — primarily for freshmen — that investigated big-picture topics and stressed critical thinking skills.

Though the Subcommittee on the HASS Requirement (SHR) did not recommend making the FYF program part of the General Institute Requirements at this time, SHR did suggest expanding HASS offerings that focus on analytical, interdisciplinary thinking.

SHR hopes the pilot program of 10 FYF subjects can be increased to 15 subjects that will accommodate about 650 students annually. Popular points of the program were the interdisciplinary nature of the classes, which invites the use of innovative teaching methods. Student-faculty interaction is also a key point of the classes.

To encourage undergraduates of all class years — not just freshmen — to take these courses, SHR recommended renaming the program "HASS Exploration."

### MIT housing community takes shape

A push to create a living group of MIT community members of all ages has made significant progress. The building at 303 Third St. in Cambridge, near Kendall, is finally being opened for residents to move in. The community hopes to foster mentoring across all generations of MIT faculty and help to integrate new faculty and staff into campus, along with providing support for recent graduates.

This project was started in 2003, and the University Residential Communities (URC) group was formed in 2004 to spearhead the campaign. The agreement for the site on Third Street was reached with the New York Extell Corporation in 2007, and construction and

the initial sales of units followed shortly thereafter.

URC battled a weakening housing market and potential legislative changes to the nature of residential cooperatives. Extell was bought out by EQR of Chicago, a firm with little interest in continuing the project. EQR halted the sale of units and encouraged those who had already bought units to cancel the sale, which left URC extremely disappointed.

After two years of navigating the legal system, a judge instructed EQR to proceed with sales. Purchases of units are again being made, and the new residents of 303 Third St. look forward to creating a unique, supportive community soon.

### Technology and unique educational opportunities

Since fall 2010, the MIT Council of Educational Technology (MITCET) has been developing strategies to increase experience-based learning and effective technology use in education. MITCET developed a number of suggestions that focus on flexible educational programs and technology.

This flexibility is most emphasized in redefining the concept of a semester-based system. Utilizing modules, or flexible durations of courses, could allow entrepreneurial project classes, service projects, brief internships, and research activity to take place more organically during the academic term, instead of being relegated to the Independent Activities Period during the month of January. Such opportunities could greatly enhance the education

of MIT students by providing hands-on experiences.

Incorporating technology — like online course materials — into traditional classes could help these flexible options become a reality. If students could access course materials while abroad or working on a project full-time, constraints of the academic calendar could be minimized. Online resources could also help those without prior experience in a subject to get up to speed on the material being covered in class.

A few initiatives to experiment in these areas will be funded with the hope of investigating how students benefit from module-based schedules and if such changes will be viable on a larger scale and in the scope of the visions of individual departments.

### Faculty want flexibility, guidance

Members of the Faculty Policy Committee spoke with faculty from various departments in more personal settings this term to tease out important goals for the future. Common goals were centered around providing faculty with resources to pursue the research and teaching styles they are interested in conducting and thinking of ways to improve the lives of members of the academic community throughout their careers.

Faculty are interested in collaborating with members of other departments, but feel that they often lack the space, funding, and equipment for novel research and teaching ventures. Suggestions to improve classrooms emphasized allowing students to work together, but not gearing facilities too much toward any one style of teaching; despite new technology options, chalkboards still hold a special place in the arsenal of the MIT professor.

Faculty are also interested in exploring fields outside their primary specialty and researching areas that may not have an immediate application; these two desires can make securing funding difficult, so many people suggested better communication with the media and government to increase awareness of the importance of these tasks.

Many suggestions were made to address issues at specific points in the lives of faculty. There is a strong desire for more childcare options for young faculty. Those in the middle of their careers are sometimes interested in exploring other areas of research, but need resources like funding and physical space and equipment to do so. Faculty approaching retirement are often interested in slowly decreasing their research involvement by working part-time and becoming involved in other activities, like traveling to local schools to speak to young students.

### Water main break left MIT dry

Last Saturday night, much of the MIT Campus was without running water due to a water main break which occurred near Harvard Square between Broadway and Trowbridge Street. The break caused a reduction in water pressure all across Cambridge, enough to leave most MIT buildings without water.

An MIT alert message was sent out that same night, saying that there was "no estimated time for completion of repairs [to the water main break]." However, officials were able to quickly fix the break the following day without having to resort to using the Massachusetts Water Resource Authority, as reported by the Boston Globe.

Some MIT students experienced a temporary discoloration of water from the tap. According to the Globe, Dan Rivello, a Cambridge police spokesman, said that this problem could be fixed by running the water for an extended period of time.

—Rob McQueen

## Stanford loses patent case

### Supreme court votes 7-2 in favor of Roche

By John A. Hawkinson  
STAFF REPORTER

Stanford lost its patent dispute with Roche on Tuesday.

The Supreme Court of the United States voted 7-2 in favor of Roche Molecular Systems, resolving a patent dispute over the licensing ownership of patents that are in part the result of federally funded research. The case was *Stanford v. Roche*.

MIT had sided with Stanford in the case, filing an amicus curiae brief with the court, but does not expect the case's outcome to seriously affect its research.

Mark Holodniy, a postdoc at Stanford developing a PCR test for HIV, executed an agreement with Stanford saying he did "agree to assign" any inventions arising out of his work to Stanford. But he also arranged to be a visiting scientist at Cetus, a company later purchased by Roche and also specializing in PCR. As a visiting scientist, he signed an agreement saying he "will assign and do[es] hereby assign" rights in his inventions to Cetus.

Stanford later patented Holodniy's PCR-based HIV assay, and Roche began marketing a product based on the work. Stanford sued Roche for patent infringement, and the district court found for Stanford, but the decision was reversed on appeal. Stanford appealed to the Supreme Court, where they lost.

Stanford had argued that the Bayh-Dole Act, a 1980 technology transfer law governing federally funded research, trumped the contractual language of Holodniy's agreement with Cetus/Roche.

Lita L. Nelsen '64, director of MIT's Technology Licensing Office (TLO), said in an email that MIT has "already taken 'preventative measures' by slightly changing the wording of our 'Inventions and Proprietary Infor-

mation Agreement' ... I don't think we'll be doing much more."

MIT changed its wording from "agree to assign" to "hereby assign" in April of last year, as the case was making its way to the Supreme Court.

The Supreme Court agreed as much: writing for the majority, Chief Justice John G. Roberts wrote that with a minor tweak to wording, the existing process will continue to work just fine: "With effective assignments, federally funded inventions become 'subject inventions' and the Act as a practical matter works pretty much the way Stanford says it should."

Justices Stephen G. Breyer and Ruth Bader Ginsburg dissented from the majority, writing that there were several unresolved issues. The dissenting justices would have returned the case to a lower court for further argument.

John D. Murnane and Jamar W. Tyndale published an article in *Intellectual Property Today* arguing that the court should dismiss the case as "improperly granted."

MIT does not frequently file Supreme Court briefs. Before *Stanford v. Roche*, it last did so in 2003. At the time of MIT's filing, R. Gregory Morgan, MIT's General Counsel, explained that "we thought this was an important case."

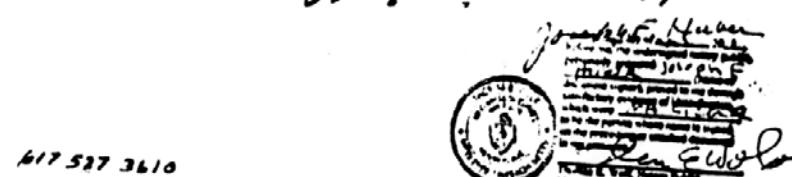
But the TLO, which administers the day-to-day of these license agreements, does not seem concerned, even though Stanford — and by extension, its peer universities — lost.

Nelsen said that similar disputes could possibly arise at MIT, "but they certainly won't be common. It would require a coincidence of the infringer being someone with whom our inventor had signed such an agreement."

On the other hand, Nelsen says, "I'm not capable of guessing how courts will act. I thought this current case was a 'slam dunk' based on government rights — but I was wrong."

### Math 1... play 1

$x^n = x^m \cdot y^n = (x \cdot y)^n$ ,  $n = \text{a prime} > 2$   
in a following paper, it is shown  
that factor  $(x \cdot y)$  equals an  $n$ th power



Solution to Sudoku  
from page 10

5	4	6	7	9	1	3	8	2
3	8	1	4	2	6	7	5	9
7	9	2	3	5	8	1	4	6
2	1	8	9	7	4	6	3	5
9	7	4	6	3	5	2	1	8
6	5	3	1	8	2	9	7	4
1	6	9	5	4	7	8	2	3
4	2	7	8	6	3	5	9	1
8	3	5	2	1	9	4	6	7

Solution to Techdoku  
from page 10

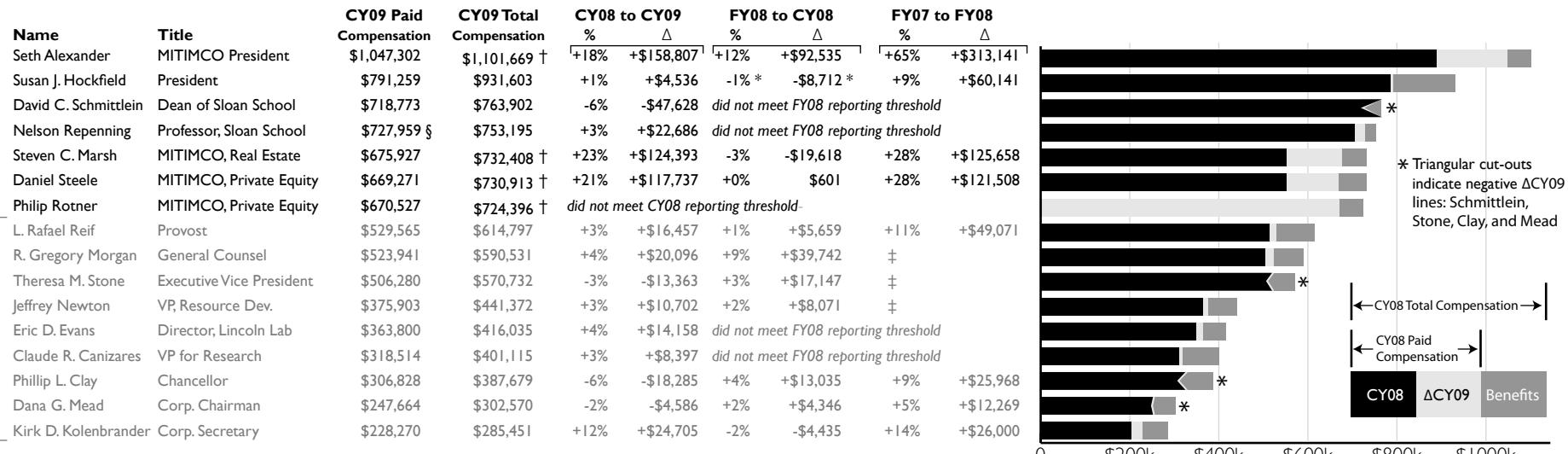
6	2	4	5	1	3
2	4	6	1	3	5
5	1	3	4	6	2
3	5	1	2	4	6
4	6	2	3	5	1

Solution to Crossword  
from page 11

C	A	M	S	S	O	L	E	G	I	L	D
O	N	I	T	T	W	I	X	T	A	L	W
D	O	N	O	T	E	N	T	E	R	S	L
A	N	I	M	A	M	U	S	I	R	E	
P	I	C	K	U	P	T	H	E	T	A	B
J	I	G	S	A	I	N	T	O	P	E	
O	D	E	R	W	A	R	S	P	I	R	
N	O	M	E	A	S	O	F	E	C	A	
G	L	O	S	S	Y	V	A	N	S	T	
L	E	I	P	E	S	O	D	E	S		
C	R	O	W	D	C	O	N	T	R		
H	A	G	E	A	R						
O	D	I	N	S	T	I	C	K	S	H	I
M	I	S	T	C	A	S	T	E	A	L	O
P	I	T	H	A	L	L	A	Y	N	E	S

# 2009 Top Salaries at MIT

*Because of changes in IRS regulations last year, the reporting basis for this data switched from fiscal-year to calendar-year. As a result, calendar year 2008's 12-month period overlaps by 6 months with fiscal year 2008's data.*



This data is for calendar year 2009, from Jan. 1, 2009 through Dec. 31, 2009, and comes from MIT's IRS Form 990, the tax return for non-profits, which was filed May 9, 2011 for tax year 2009. "Paid compensation" is the "reportable compensation from the organization (W-2/1099-MISC)" column from Part VII Section A of the 990. "Total compensation" includes that as well as "retirement and other deferred compensation" and "nontaxable benefits" from column E of Schedule J Part II of the form.

As noted above the chart, CY08 data overlaps with previously reported FY08 data, so percentage (%) and difference (Δ) may not be meaningful.

Form 990 includes compensation to cur-

rent and former "officers, directors, trustees, and key employees" as well as "the five current highest compensated employees," of which Philip Rotner is the lowest-compensated. Therefore, the list beneath Rotner is not comprehensive.

\* President Hockfield's CY08 paid compensation included a \$100,000 benefit paid into an account that is inaccessible to her. Because of a change in IRS rules, in prior years that \$100,000 was reported as "deferred compensation." The FY08 to CY08 % and Δ columns have been adjusted to add \$100,000 to the FY08 figure.

Hockfield's reported total compensation in CY08 also included \$70,000 to account for her use of Gray House, the presidential

residence. IRS rule changes require MIT to include that \$70,000 where it had previously not been reported, but it did not represent a change in her compensation.

† MIT Investment Management Company (MITIMCo) employees' compensations do not include incentive compensation which "could have increased or decreased depending on the performance of the endowment" and are contingent on continued employment by MIT. For Seth Alexander, that is \$285,020; for Steven Marsh, \$138,039; for Daniel Steel, \$131,966. Philip Rotner left MIT and is now chief investment officer for Children's Hospital of Boston; with his departure he forfeited \$135,000 of potential incentive compensation.

§ Professors Repenning appears because he is faculty director of the BP Operations Academy, part of the Sloan School of Management's Executive Education program (see <http://mitsloan.mit.edu/execed/>). Repenning was "on a 10 percent appointment" during that time, he said. His base compensation was only \$15,567 for CY2009.

‡ R. Gregory Morgan, Theresa Stone, and Jeffrey Newton took their positions during FY07, during which they only received a fraction of their annual compensation, so no comparison with FY07 is included.

Form 990 is open to public inspection. Readers may request a copy of the form from Anshu N. Tiku, the MIT Tax Manager, via email to her at [atiku@mit.edu](mailto:atiku@mit.edu).

## Bomb scares in New House and at Media Lab

### Materials proven to be harmless; day resulted in minor damages and limited costs

#### Incident at New, from Page 1

The first disruption occurred at around 9:50 a.m., a second at around 11:30 a.m., and a third at 12:40 p.m. Before the second disruption, media in the Westgate parking lot were asked to move further away from New House, to the lawn in front of Tang Hall, and Next House was evacuated. It took over an hour after the last disruption before the all-clear.

"MIT is grateful to the responding federal, state, and local agencies for investigating and ensuring the safety of the campus. The Institute also thanks the community for heeding requests to stay clear of the area while emergency officials did their work," read a statement on the

emergency website.

Both MIT police and the Cambridge Police Department led the response to the scare.

"It was a joint scene being handled by Cambridge and us," DiFava said. The joint Cambridge-MIT crisis management system, he said, "works very well."

In addition to the FBI, agents from the Bureau of Alcohol, Tobacco, Firearms and Explosives were present. Top MIT officials, including Chancellor W. Eric L. Grimson PhD '80 and Vice President for Institute Affairs Kirk D. Kolenbrander, were also on-scene.

A hazardous materials decontamination tent was also set up in the Westgate parking lot, though it

was not used.

During the heat of the crisis, rumors swirled among media and bystanders on the scene. Some outlets published unconfirmed reports that pipe bombs were discovered in New House; those reports were corrected throughout the course of the day. Bystanders told *The Tech* they had heard of a chemical spill inside the building, also incorrect.

The response by Cambridge and MIT police was a multi-person, multi-hour operation, but Riviello says there were "limited additional costs associated with the response" because CPD personnel were all regularly scheduled employees working the day shift during the scare. DiFava says MIT will not be

billed for the operation's costs.

Despite the power of the water cannon used to disrupt the tubes, DiFava said the incident area in New House sustained only "minor damage." New House is currently undergoing renovations to install a new fire alarm and sprinkler system.

Also on Tuesday, police responded to and attempted to deactivate a device found near the Media Lab (E15), by the Ames Street crosswalk.

"That incident involved a GPS locator device with a wire and several small pieces of paper attached to it that was affixed to a bike rack on Ames Street," said Riviello.

Upon further investigation, that object was also found to be harm-

less. CPD believes it may have been part of a geocaching game — where people hide objects and find others' using GPS devices.

This is not the first time Cambridge's bomb squad has visited campus. In April 2009, the bomb squad attempted to safely detonate a large, inert concrete block placed in Kresge Field by the Burton Third Bombers. The block — painted to look like a cartoon cherry bomb — was part of a hack to advertise the Bombers' annual Dance Till You Drop party. In that incident, the bomb squad did not deploy a water cannon.

MIT's emergency information website can be accessed at <http://emergency.mit.net>.



ETHAN A. SOLOMON—THE TECH

**MIT and Cambridge police and firefighters coordinated the response** to potential pipe bombs in New House early Tuesday morning. There was never any threat to campus safety, but the Cambridge bomb squad carried out a series of water-cannon "disruptions" on objects that looked like pipe bombs in a New House lounge, in an effort to disable them if they were dangerous.



**A hazardous materials decontamination tent** was set up in the Westgate parking lot early Tuesday morning in response to a New House bomb scare. Cambridge and MIT police eventually determined that there was never any threat to campus safety, and that harmless construction materials were mistaken for pipe bombs. Nobody required decontamination.



**Professor Alex H. Slocum '82** was just as excited as the graduates.

# MIT'S 145TH COMMENCEMENT



GREG STEINBRECHER—THE TECH  
On June 3, 983 undergraduates and 1,471 graduate students received their degrees.



GREG STEINBRECHER—THE TECH  
Anshul Bhagi '11 and Ulric J. Ferner G lead the graduates in the tradition of turning their brass rats around, so that the beaver faces outward.



GREG STEINBRECHER—THE TECH  
The class of 2011 was MIT's 145th graduating class, which coincides with MIT's 150th year. The discrepancy was caused because the Civil War delayed the start of classes.



GREG STEINBRECHER—THE TECH  
President Susan J. Hockfield prepares to give her charge to the graduates.



GREG STEINBRECHER—THE TECH  
A stuffed Pikachu is visible on one graduate's mortarboard. Other creative designs included a graduated cylinder and flags of different nations.



GREG STEINBRECHER—THE TECH  
Some students displayed symbols representing their major on their mortarboards.

# Ubellacker '13 swims to win

## Earns spot on Academic All-America program

By Craig Kaufman  
DAPER STAFF

**T**Wyatt L. Ubellacker '13 was named to the third team of CO-SIDA's Academic All-America program. As a swimmer, Wyatt earned a spot on the at-large team — the most competitive team that includes student athletes who compete in a variety of sports, including swimming and diving, men's volleyball, tennis, lacrosse, field hockey, and fencing. He was named to the First Team All-District, which includes all New England states, New York, and several Canadian provinces.

Ubellacker was also named NEWMAC men's swimming Athlete of the Year this season.

At the NCAA Nationals, Wyatt set an MIT record with seven All-America honors, given to the top eight finishers in each event. The sophomore's best finish was in the 100-meter butterfly, where he took third overall, setting a new MIT and NEWMAC record with a time of 48.24 seconds. Ubellacker also earned All-America honors in the 50 free with a fifth place finish and the 100 free with an eighth place showing, as well as in four of the relays.

In addition, he raced in the 400 free relay and placed second overall — the best result for an MIT

relay and only the second time MIT men's swimming has had a runner-up showing — and the 200 free relay, which placed fourth at Nationals.

As a sophomore, he owns five MIT swimming records and this season was named both NEWMAC Athlete of the Week and CollegeSwimming.com National Swimmer of the Week. At the conference championship meet, Ubellacker was first team All-Conference in five events, helping MIT to its third straight NEWMAC crown.

Wyatt is the second straight MIT swimmer to earn Academic All-America recognition, following Jeffrey Y. Zhou '10, who was named to the first team last year.

### SPORTS SHORT

#### McAndrew inducted into NECVA Hall of Fame

**T**Robert M. McAndrew '05 became the first player in the history of the men's volleyball program to be inducted into the North East Collegiate Volleyball Association (NECVA) Hall of Fame.

Although he only played during his junior and senior years at MIT, he earned NECVA New England Division Co-Player of the Year accolades and led the Engineers to their first of seven straight NECVA

Championship Tournament appearances.

McAndrew graduated as MIT's all-time leader in kills (968), kills in a season (488), kills per set in a season (4.95), block assists in a season (109), total blocks in a season (135), and career blocks per set (1.29). He continues to hold the records for career kills per set (4.91), kills in a match and five-set match (38), total blocks in a match and four-set match (15), and total blocks in a five-set match (12).

—Mindy Brauer, DAPER Staff

# Men's track and field team captures 11th straight title

## Competes in NCAA Division III National Championships, takes second place in New England

By Greg McKeever  
DAPER STAFF

**T**The MIT men's and women's track teams competed at the NCAA Division III National Championships in Delaware, Ohio two weekends ago. The men's team, which captured its 11th straight conference title and finished second in New England, had three representatives: Kenneth B. Cooper '13, Paul D. Welle '11, and Vladimir Sobes '11. Cooper was the first competitor for MIT in the hammer throw. Mother nature was not cooperative, however, as a lightning delay postponed the meet during Cooper's flight. After returning to action, Cooper fouled on two of his attempts, and his third was not enough to qualify for the final. He finished in 17th place

with a throw of 176-00 feet.

Welle was next up, running in the steeplechase. Welle, who came into the meet as the 16th seed in the event, finished in 10th place with a time of 9 minutes, 17.38 seconds, missing out on All-America honors by just under 11 seconds.

Sobes finished for the team on javelin. He failed to repeat his All-American showing from last year's championship: after fouls on two of his attempts, Sobes finally came up with a 192-08 foot effort, good enough for 11th place.

The women's team, seeking to add to their most successful year in program history, earned a fourth-place finish, their third straight top-four finish at nationals. The Cardinal and Gray collected 14 All-America nods and finished with 45 team points. They also won the Deb Vercauteren National Program of the Year award,

given to the team that registers the best combined finishes at the NCAA Cross Country and Indoor and Outdoor Track and Field Championships.

Portia M. Jones '12 led the way for Tech, landing on the All-America podium four times and accounting for 16.5 points for the team during the championship. Jones was the national runner-up in the 100-meter hurdles after running the fastest time in the qualifying heats. Amy R. Magnuson G joined Jones on the awards stand, taking fourth place in the event with time of 14.64.

Jones also finished third in the 200 meters with a time of 24.91, just five-hundredths of a second behind second place. The junior competed in the 100-meter dash as well, but was unable to qualify for the final after running a 12.45 in the preliminary rounds.

Jamie L. Simmons '12 earned

All-America honors in the 400 intermediate hurdles for the second year in a row. Simmons' time of 1:00.65 was good for fourth overall. Simmons was also entered in the 400 but did not advance to the final.

Tech picked up two more All-America nods in the pole vault, as Karin E. Fisher '11 and Lauren B. Kuntz '13 placed third and fourth, respectively. Fisher was one of just three vaulters in the country to clear 13 feet, as her final vault of 13-3.00 feet was enough to place third. Kuntz went over the bar at 12-7.25 feet to pick up five points for the Engineers. Hazel L. Briner '11 just missed out on the All-America level, placing in a tie for 10th.

MIT also had strong entries in the two relay events, particularly its 4x400 group, which came into the meet with the second-fastest time in Division III. After beat-

ing the top squad from Wartburg in the prelims, Jones, Simmons, Jacqueline A. Brew '14, and Martha M. Gross '12 were unable to improve their time in the finals, settling for third place with a time of 3:45.93.

The 4x100 relay was able to significantly improve its standing, as the group wound up in fifth place after coming into the meet as the 13th seed overall. Brew, Gross, and Simmons completed the first three legs before handing off to Jones, who brought the team home in 47.12 seconds.

Also competing for the Cardinal and Gray in a pair of distance events was Anna M. Holt-Gosselin '11. The senior was 19th in the 5000 (18:22.66) and took 18th in the 10 kilometers.

MIT combined this week's fourth-place finish with third-place results during the cross country and indoor seasons.

# T-SHIRTS

*...a necessary fact of College!*

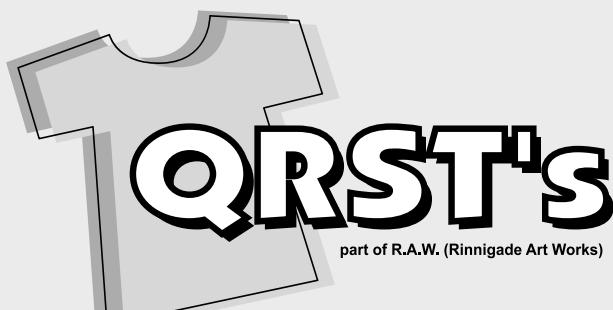
- Deal direct...no middlemen
- Fast turnaround
- Award winning & computer literate art dept.
- Free delivery & reasonable pricing
- Full color t-shirts and coffee mugs - no minimum!
- Locally owned & operated in Somerville, MA.
- ...and best of all - no boring lectures



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GRGUR TOKIC

**Lightning appeared in the sky over Boston** during the tornado and thunderstorm last week.

## April 2011 dorm transfer lottery requests

+30	request in 34	Bexley Hall	4 request out
+21	request in 35	Burton Conner	14 request out
+16	request in 23	East Campus	7 request out
+10	request in 10	Random Hall	0 request out
+9	request in 24	Maseeh Hall	15 request out
+6	request in 25	MacGregor House	18 request out
+1	request in 15	Baker House	14 request out
+0	request in 4	Senior House	4 request out
-8	request in 13	New House	21 request out
-9	request in 16	McCormick Hall	25 request out
-15	request in 5	Simmons Hall	20 request out
-40	request in 3	Next House	43 request out

CONNOR KIRSCHBAUM—THE TECH

**Dormitory transfer requests from the April 2011 lottery.** The lottery gives students the opportunity to switch their dorms in the fall. These numbers do not reflect actual transfers, merely requests to move. Numbers on the far left indicate the net flux of requests from that particular dorm. Arrows within the box signify how many students wanted to move in or out of the dorm. Bexley Hall had the highest positive flux of 30 with 34 students requesting to move in and only 4 moving out. Random Hall was the only dormitory that did not have a single resident request to move. Next House was the least popular dorm, with a net flux of -40, with 43 students requesting to leave and only 3 students wanting to move in. Students reassigned in the transfer lottery must accept their new assignment. For more information on changing your housing assignment, check [http://housing.mit.edu/undergraduate/change\\_your\\_assignment/](http://housing.mit.edu/undergraduate/change_your_assignment/).

## Obama must fill two spots

*Diamond will continue being a professor at MIT*

**Diamond, from Page 1**

policy experience: "I do not believe the current environment of uncertainty would benefit from monetary policy decisions made by board members who are learning on the job," he was quoted as saying by Reuters.

Despite Diamond's renomination by Obama on Sept. 13, 2010, the Senate Banking Committee adjourned at the end of the year without approving the Nobel Laureate. The White House renominated Diamond for the third time in January 2011, but once again, the nomination was not approved. In this most recent failed vote, all Republicans on the Banking Committee voted against Diamond.

A June 6 Bloomberg article quoted Shelby saying before the May committee vote that Diamond was "an old-fashioned, big government Keynesian" and that he "supported bailing out the big banks during the crisis." When it came time for the committee to vote in May, Republican Senator Mike Johanns of Nebraska, who had initially supported Diamond, felt that he could "no longer support a nominee so vocally in favor of more spending, more stimulus, and more quantitative easing."

Furthermore, the Club for Growth, a non-profit organization that supports small government and low taxes, issued a statement opposing Diamond's nomination and urging all Senators to vote "no" on his confirmation.

According to the Bloomberg article, Shelby issued a statement on June 5 calling for Obama to "nominate someone capable of garnering bipartisan support in the Senate ... it would be my hope that the President will not seek to pack the Fed with those who will use the institution to finance his profligate spending and agenda."

Bloomberg quoted Senate Banking Committee Chairman Tim Johnson (D-S.D.) as saying that "with nearly 14 million Americans unemployed, it is disappointing Republicans would rather play politics than help bring the Federal Reserve to full strength." Johnson further added that "there was no reasonable justification for blocking" the confirmation. A June 6 MarketWatch article reported that this sentiment was echoed by FAO Economics chief economist Robert Brusca, who called the blocked nomination a victory of politics over intellect.

"The easy answer is to point to shortcomings in our confirmation process and to par-

tisan polarization in Washington," wrote Diamond in his opinion column, reflecting on the rational behind opposition to his nomination. "The more troubling answer, though, points to a fundamental misunderstanding: a failure to recognize that analysis of unemployment is crucial to conducting monetary policy."

After Shelby objected that Diamond's work focuses on the labor market and pensions, Diamond explained in his column that "understanding the labor market — and the process by which workers and jobs come together and separate — is critical to devising an effective monetary policy."

Diamond referred to his Nobel acceptance speech, in which he concluded that structural unemployment — mismatches between the skills of workers and the needs of companies — is not the driving force behind high unemployment in times of slow economic recovery. Though Diamond says the Fed is not well-suited to address structural unemployment, the fact that today's unemployment is actually more related to the business cycle and decreased demand means that the Fed can alleviate unemployment without causing undue inflation.

Jonathan H. Gruber '87, another MIT professor of economics, also commented on the crucial relation between unemployment and monetary policy: "Basically, they're incredibly closely related," he said. "The Fed's job is a balance of managing unemployment and managing inflation."

That the Senate would "say someone who won a Nobel Prize on unemployment is not qualified ... is insane," said Gruber. "Certainly, managing monetary policy is a complicated process, not academia," he acknowledged. "But that is why the Fed needs the smartest person who can learn those issues best, and the most honest person who can do the right thing — and Peter Diamond is that person."

"[The Republicans] object to Peter because Obama nominated him ... they're just playing politics," Gruber said.

Diamond's withdrawal leaves the White House with two vacancies on the Board of Governors to fill, a potentially difficult task. MarketWatch reported that "Shelby signaled that President Barack Obama should not expect smooth sailing for any of his nominees."

"I had hoped to bring some of my own expertise and experience to the Fed," wrote Diamond. "Now I hope someone else can."